

Rule Based Capacity Management
System for an Inter Office Facility

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Fig. 1

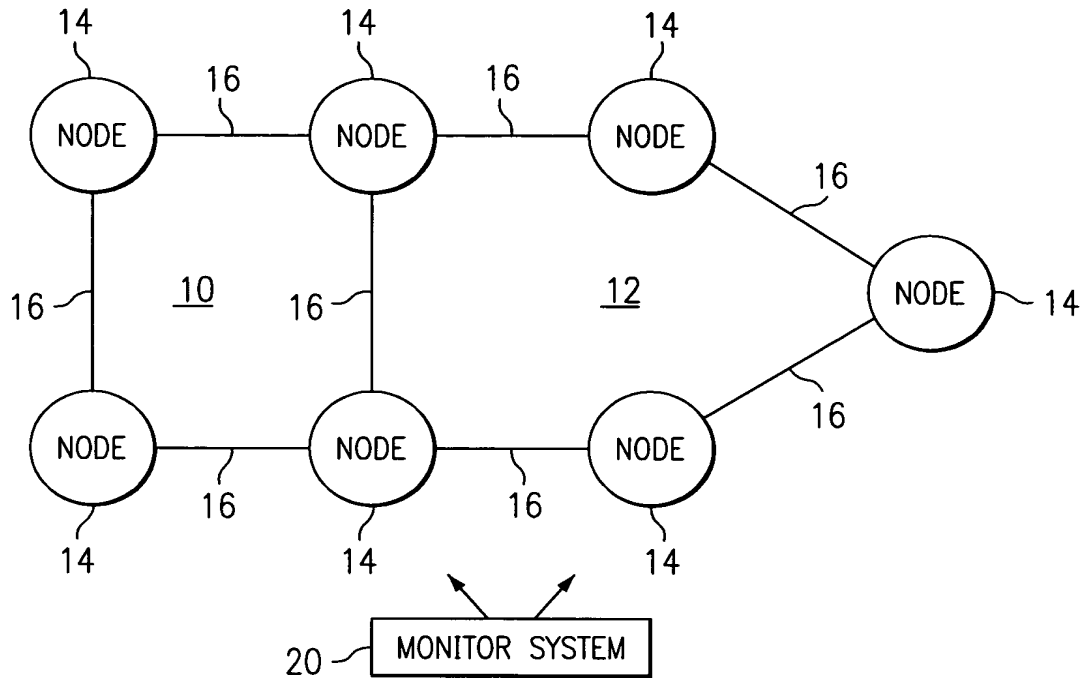
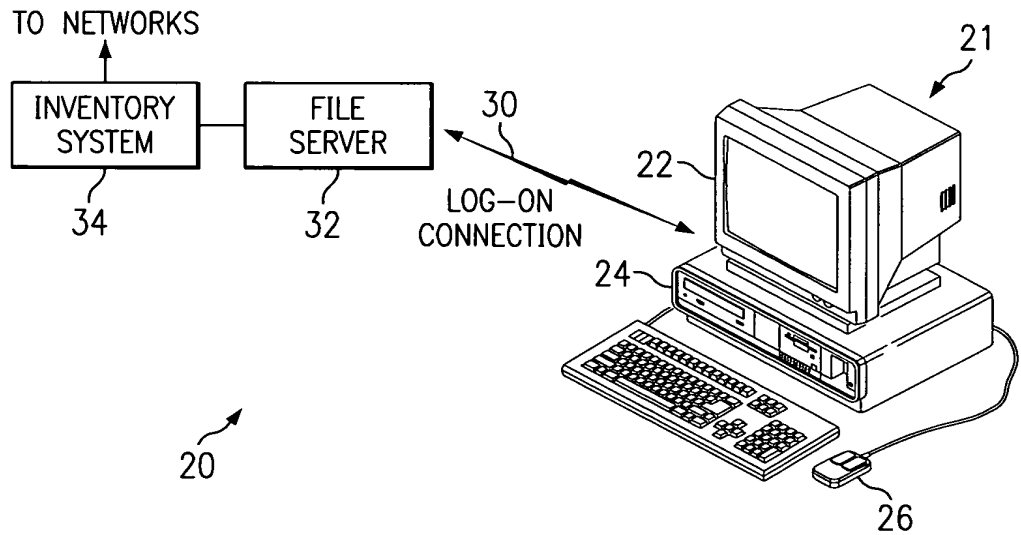


Fig. 2



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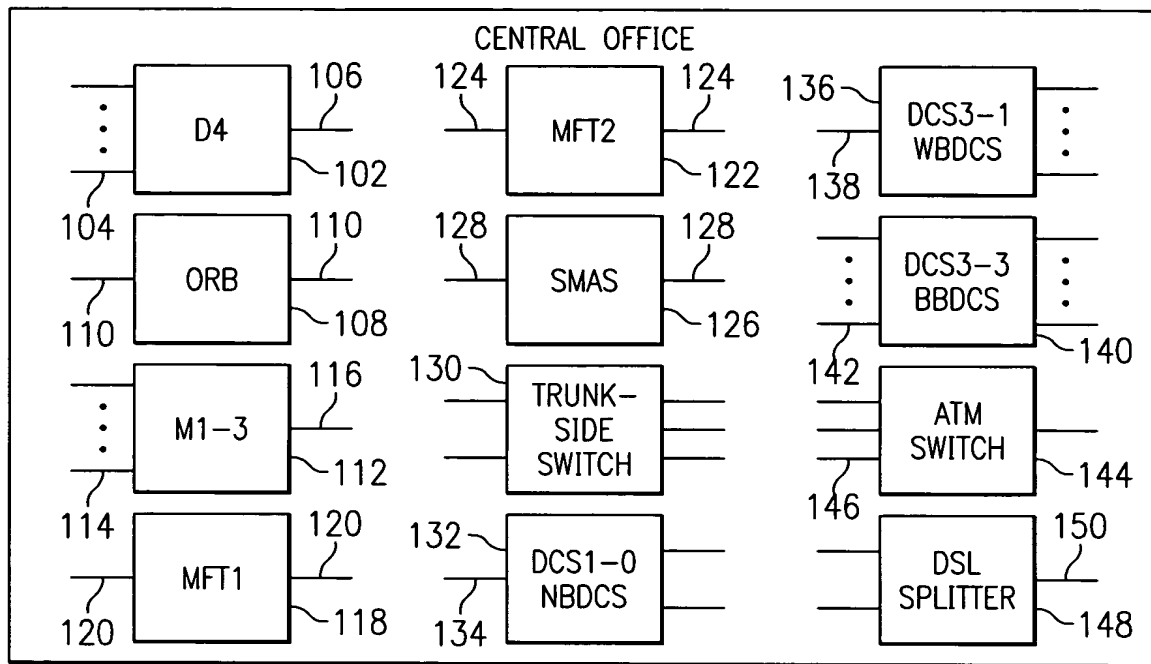


Fig. 3

100

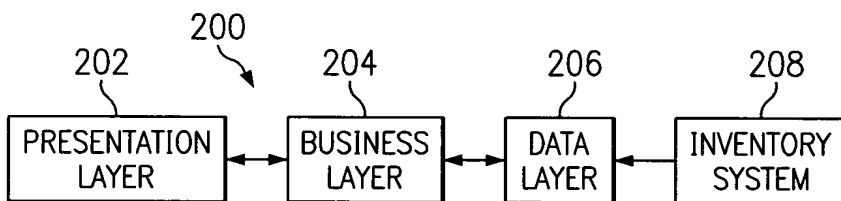


Fig. 4

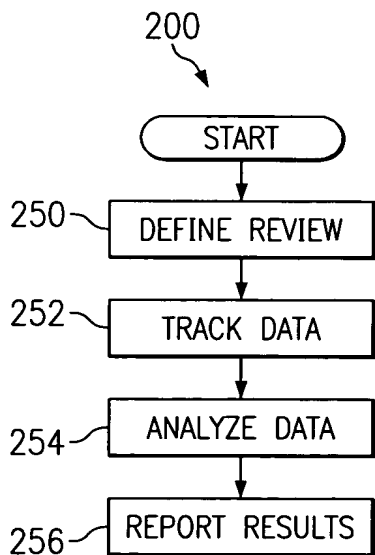


Fig. 5

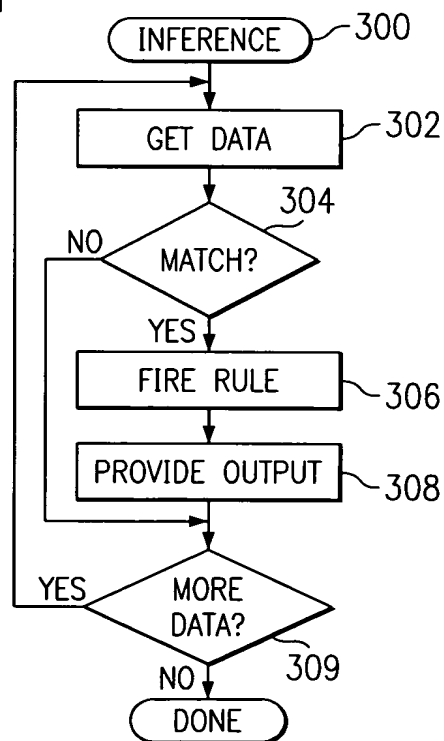


Fig. 6

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Fig. 7

User Preference

File Help ?

USER ID: GN5246

352 Show Locations for PB-San Diego

350

Locations Under User's Responsibility

- ALPICA12
- ANHMA01
- ANHMA02
- ANHMA11
- BLRKARMA
- CAMPCA11
- CHICCA01
- CHVSCA11
- CHVSCA12
- CLPTCA11
- CLXCCA12
- CMPDCA01

354

<== Add To User's List

Delete From User's List

Locations List of Selected Region

- ALPICA12
- BCMTCA10
- BCMTCA60
- BRSPCA11
- BRWLCA11
- CAMPCA11
- CHVSCA11
- CHVSCA12
- CLPTCA11
- CLXCCA12

358

Technologies for Auto Review Creation

- E-CoLocate
- E-D4
- E-FastPkt
- E-MFT
- E-ORB
- E-RC28
- E-SMAS
- E-Soneplex

362 Create Initial Reviews for the Locations

360

Short Term Study Period

From 09/2000 To 09/2002 Total Months 24 Total Years 2.00

Long Term Study Period

From 09/2000 To 09/2005 Total Months 60 Total Years 5.00

364 Advanced

Close

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400

Local Office Profile

File Help

Central Office

Location Address

GEO & Parcel

ORB

Frame Height (ft)

Num. of Frames

Num. of Unequipped Shelves

If ORs are located in MISC frame, Contact FEE for shelf space availability

Augmentation Option

☒ Fully Equipped Frames

☐ Fully or Half Equipped Frames

☐ Connectorized Shelves, or any Frames

☐ Non-Connectorized Shelves

Notes Please See Guidelines

Fig. 8

Fig. 9

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450

Standard Configuration List (short version)

File Help

Manual Selection of Standard Configuration

Configurations

ORB:01-7' T-Term 220 Rptr Bay e/w (8) 14 slot rep chassis

ORB:02-7' T-Term 220 Rptr Bay e/w (4) 14 slot rep chassis

ORB:03-7' T-Term 220 Rptr Bay e/w (1) 14 slot rep chassis

ORB:04-9' T-Term 220 Rptr Bay e/w (10) 14 slot rep chassis

ORB:05-9' T-Term 220 Rptr Bay e/w (5) 14 slot rep chassis

ORB:06-9' T-Term 220 Rptr Bay e/w (1) 14 slot rep chassis

ORB:07-11' T-Term 220 Rptr Bay e/w (12) 14 slot rep chassis

ORB:08-11' T-Term 220 Rptr Bay e/w (6) 14 slot rep chassis

HECIG

T1MRH4A1RA

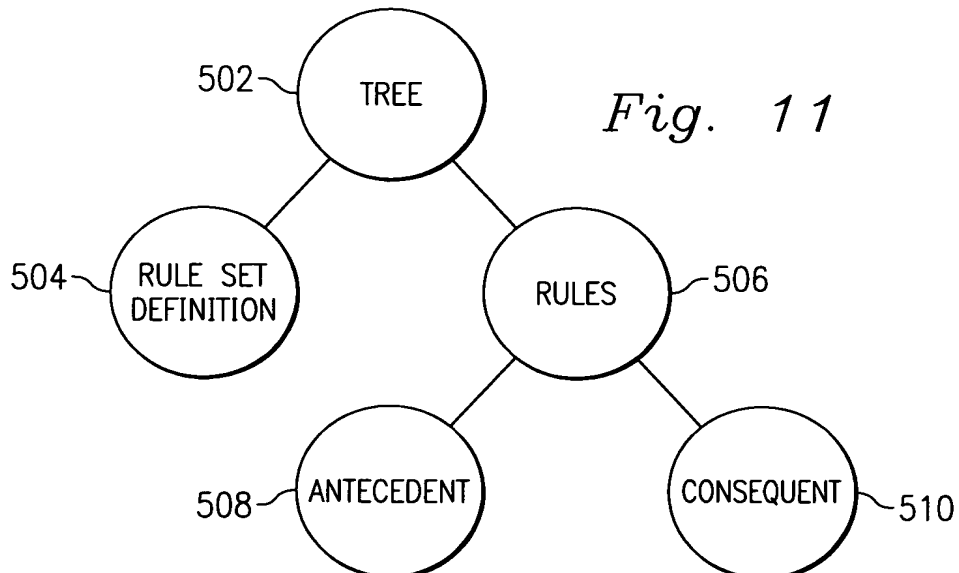
Quantity Total DS1 Capacity

1 112

☒ Add To Capacity

Add To Job Close

WARNING: Manually selecting equipment may require revising the Justification Story's "Why This Way" section.



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Fig. 10

500

RuleBase Manager

Rule Sets and Rules.....

ReviewGroupDetail-S12
SpecificHECIGReq-S10
StdConfig-S9
StdConfigReq-S8
TechDetail-S7
TechEqv-S2

502

504

506

D4
DCS1-0/Dexcs
DCS3-1/Lucent
DCS3-1/Titan
DCS3-3/Alcatel
DCS3-3/Lucent
MFT
ORB
RC28
SMAS

Antecedents and Consequents

Name: ORB No of Antecedents 1 Remark: Std. Config Requirem

Delete Rule Copy Rule Update Rule

CONDITION	OPERATOR	STATUS	REMARK
TechName	IS	ORB	
*			

Update

CONDITION	OPERATOR	STATUS	REMARK
RequiredFeature	==	TechName	
RequiredFeature	==	FrameHeight	
RequiredFeature	==	EquipmentDetail	
*			

Update

508

510

Update

Close

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Review [EQUIPMENT] - CRLS12DC0-5E M&S ALL T
550

File Help ?

REVIEW NAME

CRLS12DC0-5E M&S ALL T LOCATION: CRLSCA12 DC0

REVIEW NOTES

Batch Review for Sw5EMsg-SS

Notification ☒ E-Mail Exhaust Warnings

Schedule

☒ On Demand ☒ Weekly ☒ Monthly ☒ Quarterly

Start Review Date: 09/19/2000 Next Review Date: 09/26/2000

Study Period

☒ Short Term Study ☒ Long Term Study

From 09/2000 To 09/2004 Total Months 48 Total Years 4.00

HECIG Selection

HECIG	EDSX Code	Equipment Use	Facility	Fac Use	Record Type
E5MD500E	CRLSCA12K07	%		%	
E5MD500E	CRLSCA12K06				
E5MDAAAE					

Sort/Aggregate Options

Sort/Aggregate Options
L Location
H Hecig
U Equipment Use
E EDSX Location

Insert Delete

Growth Rate Adjustment

Percent % (+/-): 0 Date: 06/2000

Reason:

Growth Rate Computation

Trend Method: ☒ TwoPoint ☒ LinearRegr ☒ Non-Linear

Prediction Method: ☐ Forecast Only

Growth Rate from 0.00 Date of Last Job: 06/01/2000

Warning Ignored

Length of Ignoring the Warning (in months): 0

Reason for Ignoring the Warning:

Fig. 12

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Forecast & Pending Jobs [CRLS12DC0-5E M&S ALL T]

File

Help

LOCATION: CRLSCA12DC0

TECHNOLOGY: SW5EMsg-SS

GROUP TYPE: DS1

Forecasts

Status

Unused

E5MD150A

2000/1

23

Quarter

GTF: 199912

rcharts

Unused

E5MD150A

2000/01

23

Quarter

GTF: 199912

rcharts

Used by Others

E5MD150A

2000/12

136

Quarter

GTF: 200012

System

Used by Others

E5MD150A

2000/09

45

Quarter

GTF: 200009

System

Used by Others

E5MD150A

2000/06

21

Quarter

GTF: 200006

System

Used by Others

E5MD150A

2000/03

21

Quarter

GTF: 200003

System

Used by Others

E5MD150A

2001/12

53

Quarter

GTF: 200112

System

Used by Others

E5MD150A

2001/09

53

Quarter

GTF: 200109

System

Used by Others

E5MD150A

2001/06

53

Quarter

GTF: 200106

System

GTF

Include

Insert

Delete

Pending Jobs

Status

Unused

E5MD150A

1999/12

112

08144950

Pending

TRUNKS

rcharts

Unused

E5MD150A

1999/12

112

08144950

Pending

TRUNKS

rcharts

Import ME

Include

Insert

Delete

Fig. 13

Fig. 14

